

Machining Technology (CTS)

The Machining Technology Certificate program is offered on the Greenbrier Valley Campus of New River Community and Technical College in partnership with the Monroe County Manufacturing Center and area industries that employ machinists in the manufacture or assembly of their products. The program includes classroom work in general education, support skills, and technical courses, as well as hands-on instruction and practice on basic machine tools in the College's shops and laboratories. Students also will intern in a working shop under direction of the College's instructor and supervision of a working machinist. Instruction in the operation of computer numeric controls (CNC) for machine tools is also available in the College's curriculum.

REQUIRED COURSES **Machining Technology** **Total Certificate Hours: 35**

First Semester

Number	Title	Hrs
ENGL 101	Composition	3
GNET 115	Technical Math I	4
MATT 101	Machine Tool Technology I	6
MEET 112	Computer Aided Drafting	3
Total Semester Hours		16

Second Semester

Number	Title	Hrs
ENGL 103	Technical Writing	3
GNET 116	Technical Math II	4
MATT 103	Machine Tool Technology II	6
PSYC 155	Interprnsl Rel/Group Dynamics	3
Total Semester Hours		16

Third Semester (Summer)

Number	Title	Hrs
MATT 125	Internship	3
Total Semester Hours		3